(D-1)	8-Z)
(D-I	0-2

Total No. of Questions: 8]

Roll No.....

ious interactions in a biotic community and de [Total No. of Printed Pages: 2

Suggest any week mc 1178 HSEIIRKN15

The following very short Z-8118 westions of spinets, each

may be answered in a few words or few sentences with may be egerative propagation in plants.

(Biology)

generically modified crops? Give one example

Time: 1½ Hours] [Maximum Marks: 35

(Long Answer Type Questions)

5 Each

1. Define cross-pollination. Name the contrivances that favour it and describe any two of them.

Describe the process of double fertilization. What is its significance?

What is Multiple Allelism? Explain with the help of an example.

Or

Define genetic code. Point out its characteristics.

(Short Answer Type Questions) 3 Each

- Why did Mendel select garden pea for his experiments ? 3.
- Define tissue culture. Name any three applications of tissue culture.

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Turn Over

D-18-Z

- Name the various interactions in a biotic community and describe 5. any one of them.
- Suggest any three measures for controlling pollution of our lakes.

(Very Short Answer Type Questions)

2 Each

- The following very short answer type questions of 2 marks, each . 7. may be answered in a few words or few sentences or as may be required.
 - (a) Point out the advantages of vegetative propagation in plants.

(Any two points)

- (b) Define induced mutations. Give one example.
- (c) What are genetically modified crops? Give one example.
- (d) What is meant by nutrient cycling?

(Objective Type Questions) 1 Each

- Choose the correct/most appropriate answer and write it in your answer-book:
 - Define mutualism.
 - (ii) The genotypic ratio of F₂ in the monohybrid cross in:
 - What is Multiple Allelism ? Explain with the help 1: 16 (a) male
 - (b) 2:1
 - (c) 1:2:1
 - (d) 1 : 1
 - (iii) The biotic communities in any ecological succession are called way did Mendel select garden pea for his exp
 - (iv) Define a Sanctuary.
 - (v) Energy flow in an ecosystem is unidirectional. (False/True)

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D-18-Z